

**What is Claimed is:**

1. A pressure-sensitive adhesive tape comprising a supporting substrate made of a plastic film and a pressure-sensitive adhesive layer formed on at least one side of the supporting substrate, an uneven portion having a shape extending in the vertical direction against the longitudinal direction being disposed on one side of the supporting substrate, wherein a maximum stress at an elongation of not more than 50 % is larger than a stress at break, and an elongation at break is from 100 to 300 %.

2. The pressure-sensitive adhesive tape according to claim 1, wherein the maximum stress at an elongation of not more than 50 % is 11 N/10 mm or more.

3. The pressure-sensitive adhesive tape according to claim 1, wherein the plastic film is a film made of an olefin based resin.

4. The pressure-sensitive adhesive tape according to claim 3, wherein the olefin based resin contains high-density polyethylene and low-density polyethylene.

5. The pressure-sensitive adhesive tape according to claim 1, wherein the supporting substrate has transparency.